

Abstract

A method for inhibiting restenosis associated with mechanical injury of a blood vessel. An adenoviral vector encoding a suicide gene such as thymidine kinase is directly administered to the injured vessel followed by treatment with a nucleotide analog. The analog is phosphorylated and converted to a cytotoxin by the suicide gene product, resulting in destruction of the rapidly dividing neointimal cells.

NSB-1427.1
032194